



01-07-03

Gp 2841

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Applicant: Browning et al.

Examiner:

Serial No.: 09/899,647

Group Art Unit: 2841

Filed: July 6, 2001

FOR: HARDENED VOYAGE DATA RECORDER

The Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. S1.97

It is respectfully requested that the prior art listed below be considered by the United States Patent and Trademark Office in the above entitled application and made of record therein.

This disclosure is being submitted pursuant to 37 C.F.R. S1.97 as a means of complying with the duty of disclosure set forth in 37 C.F.R. S1.56.

No representation is made or intended that a search has been made or that no better art than that listed is available. Copies of all non-patent publications and non-U.S. patents referred to herein are provided herewith; all other references being to issued U.S. patents.

CITATION      DATE PUBLISHED, ISSUED OR FILED

See attached list.

RESPECTFULLY SUBMITTED,

  
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Date: October 26, 2001  
Docket No.: L3-007



<u>CITATION</u>	<u>DATE PUBLISHED, ISSUED OR FILED</u>
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1. U.S. Patent No. 5,969,953 to Purdom et al. issued 10/99.
2. U.S. Patent No. 5,841,638 to Purdom et al. issued 11/98.
3. U.S. Patent No. 5,756,934 to Purdom issued 5/98.
4. U.S. Patent No. 5,750,925 to Purdom et al. issued 5/98.
5. U.S. Patent No. 5,706,180 to Lacroix et al. issued 1/98.
6. U.S. Patent No. 5,452,685 to Thomas issued 9/26/95.
7. U.S. Patent No. 5,390,083 to Decker et al. issued 2/95.
8. U.S. Patent No. 5,370,814 to Salyer issued 12/94.
9. U.S. Patent No. 5,317,463 to Lemke et al. issued 5/94.
10. U.S. Patent No. 5,301,089 to Takashima issued 4/94.
11. U.S. Patent No. 5,193,046 to Lemke et al. issued 3/9/93.
12. U.S. Patent No. 5,150,279 to Collins et al. issued 9/92.
13. U.S. Patent No. 5,123,538 to Groenwegen issued 6/92.
14. U.S. Patent No. 5,106,520 to Sayler issued 4/92.
15. U.S. Patent No. 5,032,896 to Little et al. issued 7/91.
16. U.S. Patent No. 4,991,000 to Bone et al. issued 2/91.
17. U.S. Patent No. 4,944,401 to Groenwegen issued 7/90.
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19. U.S. Patent No. 4,839,656 to O'Neill et al.  
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21. U.S. Patent No. 4,729,102 to Miller Jr. et al.  
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22. U.S. Patent No. 4,694,119 to Groenwegen issued 9/87.
23. U.S. Patent No. 4,684,949 to Kalafus issued 8/4/87.
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25. U.S. Patent No. 4,646,241 to Ratchford et al.  
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27. U.S. Patent No. 4,446,628 to Shkolnik et al.  
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28. U.S. Patent No. 4,428,052 to Robinson et al.  
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29. U.S. Patent No. 4,345,462 to Zanutti issued 8/24/82.
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33. U.S. Patent No. 4,159,644 to Svala issued 7/3/79.
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35. U.S. Patent No. 4,071,898 to Schorsch et al.  
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36. U.S. Patent No. 4,012,784 to Murphy issued 3/15/77.
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38. U.S. Patent No. 3,930,118 to Midland et al  
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39. U.S. Patent No. 3,906,370 to Apps issued 9/16/75.
40. U.S. Patent No. 3,898,650 to Jensen issued 8/5/75.
41. U.S. Patent No. 3,889,293 to Muraco et. al.  
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42. U.S. Patent No. 3,869,601 to Metcalf issued 3/4/75.
43. U.S. Patent No. 3,840,874 to Dawson et al.  
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44. U.S. Patent No. 3,833,934 to Leland issued 9/3/74.
45. U.S. Patent No. 3,772,692 to Braddon issued 11/13/73.
46. U.S. Patent No. 3,725,918 to Fleisher et al.  
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47. U.S. Patent No. 3,725,912 to Buccholz et al.  
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48. U.S. Patent No. 3,717,873 to Riggs issued 2/20/73.
49. U.S. Patent No. 3,710,313 to Kimball et al.  
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50. U.S. Patent No. 3,697,987 to Arthur issued 10/10/72.
51. U.S. Patent No. 3,685,009 to Fleming Jr. issued 8/15/72.
52. U.S. Patent No. 3,662,388 to Mott et al. issued 5/9/72.
53. U.S. Patent No. 3,634,887 to Buchholz issued 1/11/72.
54. U.S. Patent No. 3,461,429 to Gray issued 8/12/69.
55. U.S. Patent No. 3,444,553 to Tsumura et al.  
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56. U.S. Patent No. 3,422,418 to Simoneau issued 1/14/69.
57. U.S. Patent No. 3,341,871 to Oliveau issued 9/19/67.
58. U.S. Patent No. 3,268,907 to Parrish issued 8/23/66.
59. U.S. Patent No. 3,253,810 to Penn issued 5/31/66.
60. U.S. Patent No. 2,838,360 to Murray issued 3/15/60.
61. U.S. Patent No. 2,792,274 to Ruddock issued 5/14/57.
62. U.S. Patent No. 2,389,786 to Kohn issued 11/27/45.
63. UK Patent GB 2 242 330B to Bull Patent Published 1/6/94
64. UK Patent GB 2 242 304B to Bull Patent Published 1/6/94
65. A publication entitled "Marine Voyage Data Recorders",  
by Brown et al., published May 3-5, 1999 at the  
International Symposium On Transportation Recorders.
66. A publication by Broadgate Ltd. for the VER 3000 Voyage  
Data Recorder, published in 2000.
67. Loral Data Systems Brochure entitled  
"Fairchild Solid State Cockpit Voice Recorder"



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